

Data File : BN012100.D
Acq On : 07 Oct 2020 17:15
Operator : CG/JU
Sample : SSTDC0020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD02065

Manual Integrations
APPROVED

mohammad

Quant Time: Oct 07 17:50:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 07 13:26:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	10/8/2020 12:30:30 PM
1) 1,4-Dichlorobenzene-d4	7.65	152	341679	20.00	ng/ul	0.00	
18) Naphthalene-d8	10.43	136	1351294	20.00	ng/ul	0.00	
36) Acenaphthene-d10	14.29	164	767027	20.00	ng/ul	0.00	
62) Phenanthrene-d10	17.05	188	1655130	20.00	ng/ul	0.00	
78) Chrysene-d12	21.25	240	1532517	20.00	ng/ul	0.00	
86) Perylene-d12	23.46	264	1727057	20.00	ng/ul	0.00	

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	64680	8.24	ng/uL	0.00	
5) Phenol-d5	6.82	99	564817	19.81	ng/ul	0.00	
7) Bis-(2-Chloroethyl)ether-d	6.99	67	340237	19.42	ng/ul	0.00	
9) 2-Chlorophenol-d4	7.18	132	462998	20.08	ng/ul	0.00	
13) 4-Methylphenol-d8	8.35	113	438294	19.53	ng/ul	0.00	
19) Nitrobenzene-d5	8.80	128	217239	20.25	ng/ul	0.00	
22) 2-Nitrophenol-d4	9.51	143	243016	20.94	ng/ul	0.00	
26) 2,4-Dichlorophenol-d3	10.05	165	430499	19.35	ng/ul	0.00	
29) 4-Chloroaniline-d4	10.56	131	559948	21.34	ng/ul	0.00	
44) Dimethylphthalate-d6	13.70	166	1137494	18.91	ng/ul	0.00	
47) Acenaphthylene-d8	13.98	160	1449105	20.18	ng/ul	0.00	
52) 4-Nitrophenol-d4	14.50	143	224554	20.27	ng/ul	0.00	
58) Fluorene-d10	15.29	176	991706	18.89	ng/ul	0.00	
63) 4,6-Dinitro-2-methylphenol	15.42	200	126289	11.95	ng/ul	0.00	
71) Anthracene-d10	17.14	188	1514247	18.87	ng/ul	0.00	
79) Pyrene-d10	19.45	212	1579738	19.60	ng/ul	0.00	
90) Benzo(a)pyrene-d12	23.32	264	1701856	17.56	ng/ul	0.00	

Target Compounds

					Qvalue	
2) 1,4-Dioxane	3.22	88	66621	6.757	ng/uL	92
4) Benzaldehyde	6.80	77	373634	22.761	ng/ul	100
6) Phenol	6.85	94	601035	20.263	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.08	93	475917	19.748	ng/ul	95
10) 2-Chlorophenol	7.22	128	487823	20.453	ng/ul	96
11) 2-Methylphenol	8.09	108	445852	20.236	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.18	45	611483	19.675	ng/ul	98
14) Acetophenone	8.46	105	714361	19.968	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.45	70	373887	20.826	ng/ul	93
16) 4-Methylphenol	8.42	108	470189	19.902	ng/ul	86
17) Hexachloroethane	8.72	117	205004	18.892	ng/ul	94
20) Nitrobenzene	8.84	77	568576	19.171	ng/ul	99
21) Isophorone	9.36	82	963618	19.384	ng/ul	99
23) 2-Nitrophenol	9.55	139	263466	20.526	ng/ul	90
24) 2,4-Dimethylphenol	9.61	107	526029	18.886	ng/ul	91
25) Bis(2-Chloroethoxy)methane	9.85	93	595669	19.095	ng/ul	98
27) 2,4-Dichlorophenol	10.07	162	439363	19.496	ng/ul	100
28) Naphthalene	10.47	128	1460733	18.887	ng/ul	99
30) 4-Chloroaniline	10.59	127	562151	21.275	ng/ul	96
31) Hexachlorobutadiene	10.76	225	265340	17.390	ng/ul	95
32) Caprolactam	11.37	113	131901m	21.226	ng/ul	
33) 4-Chloro-3-methylphenol	11.72	107	477696	19.505	ng/ul	96
34) 2-Methylnaphthalene	12.09	142	1003761	18.885	ng/ul	96

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35) 1-Methylnaphthalene	12.32	142	942462	17.943	ng/uL	99	
37) 1,2,4,5-Tetrachlorobenzene	12.47	216	482453	19.417	ng/uL	97	
38) Hexachlorocyclopentadiene	12.45	237	237109	13.496	ng/uL	93	
39) 2,4,6-Trichlorophenol	12.72	196	336004	21.568	ng/uL	87	
40) 2,4,5-Trichlorophenol	12.79	196	357202	21.255	ng/uL	96	
41) 1,1'-Biphenyl	13.12	154	1253564	19.730	ng/uL	97	
42) 2-Chloronaphthalene	13.16	162	999589	19.755	ng/uL	99	
43) 2-Nitroaniline	13.37	65	311863	21.507	ng/uL	94	
45) Dimethylphthalate	13.76	163	1208010	19.484	ng/uL	100	
46) 2,6-Dinitrotoluene	13.87	165	251484	20.781	ng/uL	93	
48) Acenaphthylene	14.01	152	1526857	20.234	ng/uL	97	
49) 3-Nitroaniline	14.20	138	262003	23.728	ng/uL	91	
50) Acenaphthene	14.36	153	1045576	19.279	ng/uL	99	
51) 2,4-Dinitrophenol	14.41	184	86109	11.671	ng/uL	87	
53) 4-Nitrophenol	14.52	109	188070	18.218	ng/uL	91	
54) Dibenzofuran	14.69	168	1435706	19.403	ng/uL	99	
55) 2,4-Dinitrotoluene	14.66	165	353260	20.109	ng/uL#	96	
56) 2,3,4,6-Tetrachlorophenol	14.92	232	285680	20.366	ng/uL	95	
57) Diethylphthalate	15.13	149	1220980	19.135	ng/uL	98	
59) Fluorene	15.35	166	1167827	18.827	ng/uL	98	
60) 4-Chlorophenyl-phenylether	15.35	204	551023	18.200	ng/uL	97	
61) 4-Nitroaniline	15.37	138	281937	23.630	ng/uL#	84	
64) 4,6-Dinitro-2-methylphenol	15.43	198	133301	11.602	ng/uL	98	
65) N-Nitrosodiphenylamine	15.56	169	1020459	19.332	ng/uL	98	
66) 4-Bromophenyl-phenylether	16.24	248	337028	17.804	ng/uL	97	
67) Hexachlorobenzene	16.35	284	404473	18.312	ng/uL	95	
68) Atrazine	16.52	200	346226	17.926	ng/uL	95	
69) Pentachlorophenol	16.70	266	257826	19.688	ng/uL	96	
70) Phenanthrene	17.09	178	1843537	18.283	ng/uL	98	
72) Anthracene	17.17	178	1867413	18.341	ng/uL	99	
73) 1,2,3,4-Tetrachlorobenzene	13.08	216	480993	19.991	ng/uL	97	
74) Pentachlorobenzene	14.62	250	462847	18.754	ng/uL	99	
75) Carbazole	17.45	167	1742610	19.711	ng/uL	97	
76) Di-n-butylphthalate	18.02	149	2111700	18.810	ng/uL	99	
77) Fluoranthene	19.11	202	1994300	17.609	ng/uL#	96	
80) Pyrene	19.47	202	2162644	19.564	ng/uL	99	
81) Butylbenzylphthalate	20.39	149	959259	21.108	ng/uL	94	
82) 3,3'-Dichlorobenzidine	21.17	252	749899	21.033	ng/uL	94	
83) Benzo(a)anthracene	21.23	228	1933697	18.730	ng/uL	99	
84) Bis(2-ethylhexyl)phthalate	21.17	149	1359998	19.499	ng/uL	98	
85) Chrysene	21.29	228	1856328	18.289	ng/uL	100	
87) Di-n-octyl phthalate	22.04	149	2462953	19.201	ng/uL	100	
88) Benzo(b)fluoranthene	22.80	252	2057642	17.007	ng/uL	96	
89) Benzo(k)fluoranthene	22.84	252	2024133	16.984	ng/uL	99	
91) Benzo(a)pyrene	23.37	252	1836706	16.735	ng/uL	95	
92) Indeno(1,2,3-cd)pyrene	25.67	276	2446556	17.458	ng/uL	99	
93) Dibenzo(a,h)anthracene	25.69	278	2053218	17.784	ng/uL	99	
94) Benzo(g,h,i)perylene	26.36	276	2004680	16.797	ng/uL	98	

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100720\
Quantitation Report (QT Reviewed)

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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